



**Re: Sensitivity runs for Harbor Pathogen TMDL**  
**Barbara Hirst** to: Helen Pang, Rosella OConnor  
Cc: Antony Tseng

02/06/2012 11:28 AM

checking with the group; will get back to you when I get the consensus.

>>> Rosella OConnor <OConnor.Rosella@epamail.epa.gov>  
2/6/2012 10:09:56 AM >>>  
Hi Barbara and Helen:

Antony and I spoke to Robin regarding boundary assumptions and she will check and get back to us today.

Also, we are considering having the EPA contractor conduct a sensitivity run using the model for 2000 and 2003 at a boundary entero concentration of our choice at Passaic, Saddle, and Hackensack. The choice could be an order of magnitude higher such as 350/100mL. Another choice could be the single sample max (SSM) of 104/100mL. Using the SSM value we think produces a more informed model run on the affect of the boundary condition on the remainder of the Passaic and Hackensack. The thinking here is that whatever variability may exist, it should not exceed the SSM value.

Please let us know which boundary run you would agree to.

Thanks,  
Rosella and Antony